

CLAIMS

1. A method comprising:
detecting a printer error;
if the printer error has occurred a predetermined number of times within a predetermined time period, generating an error message; and
if the printer error has not occurred a predetermined number of times within the predetermined time period, rebooting the printer.
2. A method as recited in claim 1 further comprising if the printer error has occurred a predetermined number of consecutive times, generating an error message.
3. A method as recited in claim 1 further comprising if the printer error has occurred a predetermined number of times within the predetermined time period, notifying a network administrator of the printer errors.
4. A method as recited in claim 1 wherein logging the printer error in an error log includes recording a date and time that the printer error occurred.
5. A method as recited in claim 1 wherein logging the printer error in an error log includes recording an identification of the print job being handled when the printer error occurred.
6. A method as recited in claim 1 wherein logging the printer error in an error log includes recording an error type associated with the printer error.

7. A method as recited in claim 1 wherein rebooting the printer further includes identifying a print job that was printing during the detected printer error and attempting to reprint the identified print job.

8. A method as recited in claim 1 further comprising logging the printer error in an error log.

9. A method comprising:
detecting a printer error;
logging the printer error in an error log;
if the printer error has occurred a predetermined number of consecutive times, generating an error message; and
if the printer error has not occurred a predetermined number of consecutive times, rebooting the printer.

10. A method as recited in claim 9 further comprising if the printer error has occurred a predetermined number of times within a predetermined time period, generating an error message.

11. A method as recited in claim 9 further comprising if the printer error has occurred a predetermined number of consecutive times, notifying a network administrator of the printer errors.

12. A method as recited in claim 9 wherein rebooting the printer further includes identifying a print job that was printing during the detected printer error and attempting to reprint the identified print job.

13. A method comprising:
detecting a printer error;
adding X points to a printer error counter;
adding Y points to the printer error counter if a common error occurred
within a predetermined time period;
determining whether the printer error counter exceeds a threshold value;
and
rebooting the printer if the printer error counter does not exceed the
threshold value.

14. A method as recited in claim 13 further comprising notifying a
network administrator of the printer errors if the printer error counter exceeds
the threshold value.

15. A method as recited in claim 13 wherein rebooting the printer
includes identifying a print job that was printing when the printer error was
detected and attempting to reprint the identified print job.

16. A method as recited in claim 13 wherein the value of X varies
depending on the type of printer error detected.

17. A method as recited in claim 13 wherein the value of Y varies
depending on the type of printer error detected.

18. A printer comprising:
a control panel configured to display information to a user of the printer;
an error log configured to store information regarding printer errors detected by the printer;
an error analysis module configured to analyze printer errors stored in the error log; and
wherein the error analysis module is further configured to reboot the printer if a particular printer error has not occurred a predetermined number of times within a predetermined time period.

19. A printer as recited in claim 18 wherein the error analysis module is further configured to generate an error message on the control panel if a particular printer error has occurred twice within the predetermined time period.

20. A printer as recited in claim 18 wherein the error log stores a date and time that the printer error occurred.

21. A printer as recited in claim 18 wherein the error log stores an error type associated with the printer error.

22. A printer as recited in claim 18 wherein the error log stores information regarding the print job being processed when the printer error occurred.